

201 1.6
1.7
HW

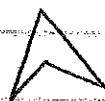
p44-45 3-8, 12, 13, 18-25

3. yes concave ④ not curve ⑤ yes convex
6. not intersect ⑦ C ⑧ Octagon regular
12. Quadrilateral equilateral ⑬ Quad. equiangular
18. A ⑰ S ⑱ A ⑲ N ⑳ A ㉑ N

24.



⑳



p52-54 4, 6, 8, 18, 29, 31

4. $P = 52\text{ft}$ $A = 8 \cdot 18 = 144\text{ft}^2$

6. $P = 60\text{in}$ $A = 225\text{in}^2$

8. $P = 15 + 15 + 24 = 54\text{mm}$ $A = \frac{1}{2} 9 \cdot 24 = 108\text{mm}^2$

18. $M(-2, 1)$ $N(3, 2)$ $MQ = 3$ $QP = 4$

$Q(-2, -2)$ $P(2, -2)$ $MN = \sqrt{(3 - (-2))^2 + (2 - 1)^2} = \sqrt{26} \approx 5.1$

$NP = \sqrt{(3 - 2)^2 + (2 - (-2))^2} = \sqrt{17} \approx 4.1$

$P = 3 + 4 + 5.1 + 4.1 \approx 16.2\text{units}$

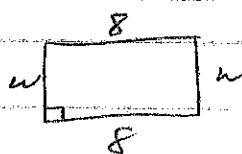
28. $A = 66\text{in}^2$

$A = \frac{1}{2}bh$

$66 = \frac{1}{2} 8\frac{1}{4} \cdot b$

$16\text{in} = b$

29.



$25 = 2w + 16$

$9 = 2w$

$4.5\text{in} = w$

31

$2w$
 $A = 18$ w

$2w^2 = 18$

$w^2 = 9$

$w = 3$

$w = 3\text{in}$
 $l = 6\text{in}$